

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A rigid pipe [[(1)]] for transporting hydrocarbons having a single-walled or a double-walled envelope, made from two coaxial pipes, respectively an inner pipe (2) and an outer pipe (3), separated by an annular space, this the pipe [[(1)]] being a reelable type and further comprising at least one electrical heating cable extending through the pipe, wherein the (10), characterized in that said cable [[(10)]] is capable of undergoing an elongation of at least 0.5 % without damage.
2. (Currently Amended) A pipe according to Claim 1, characterized in that the materials comprising the cable (10) are subjected is subject to elastically elastic deformation while remaining below 15 % of their an elastic limit and preferably below 5 % of the material.
3. (Currently Amended) A pipe according to any one of Claims 1 or 2, characterized in that said wherein the cable [[(10)]] is disposed parallel to the a longitudinal axis of the pipe [[(1)]].
4. (Currently Amended) A pipe according to Claim 3, characterized in that it wherein the pipe is comprised of two coaxial pipes, including an inner [[(2)]] and an outer [[(3)]] pipe, respectively, the pipes being separated by an annular space, and said the cable [[(10)]] is disposed along one surface of the inner pipe [[(2)]].
5. (Currently Amended) A pipe according to any one of Claims 1 to 4, characterized in that said Claim 1, wherein the cable [[(10)]] is a flat cable.
6. (Currently Amended) A pipe according to any one of Claims 1 to 5 characterized in that said Claim 1, wherein the cable [[(10)]] is a central conducting braided cable [[(11)]].

7. (Currently Amended) A pipe according to Claim 6, characterized in that wherein the braided cable [[(11)]] is surrounded by at least one electrical insulation sheath [[(12)]].

8. (Currently Amended) A pipe according to any one of the above Claims Claim 1, wherein it the pipe is a pipe-in-pipe having coaxial pipes with an annular space between the pipes; and further comprising that the sealing members (20) of in the annular space between the coaxial pipes (2, 3) are , the sealing members being configured for receiving the heating cable in sections [[(10')]] of the cable.

9. (Currently Amended) A pipe according to any one of the above Claims, characterized in that there are provided, Claim 1, further comprising an electrical supply circuit to the cable, at different locations on the electrical supply circuit, associated with the pipes connection boxes [[(40)]] for automatically locally re-establishing the connection between phases of the circuit in the event of failure of the circuit.

10. (New) A pipe according to claim 1, wherein the cable extends parallel to the pipe, not being longer than the pipe through which the cable passes.

11. (New) A pipe according to claim 1, wherein the pipe has a wall and the cable is inside a space enclosed by the wall.

12. (New) A pipe according to claim 1, wherein the pipe comprises a double-walled envelope, of two coaxial pipes, respectively an inner pipe and an outer pipe, separated by an annular space.

13. (New) A pipe according to claim 12, wherein the cable passes between the coaxial pipes.

14. (New) A pipe according to Claim 1, the cable subject to elastically deformation while remaining below 5 % an elastic limit of the material.